

**POSITION:** APPLICATIONS SYSTEM ANALYST/PROGRAMMER-Intermediate (GIS) (10056149)

**LOCATION:** Indiana Joint Forces Headquarters National Guard, Facilities Management Office, Stout Field, Indianapolis, Indiana

**SALARY:** \$1741.00 bi-weekly; \$45,266.00 annually

**DUTIES:** This position is to assist the Master Planner. The purpose is to create, modify and maintain Geospatial Information System (GIS) data layers, create GIS applications and serve as the technical expert for GIS development. Incumbent serves as the focal point on GIS software issues. Duties include: Maintain/update the ArcSDE database and ArcIMS GIS web application; Develop, acquire & analyze GIS data to generate maps & metadata for diverse program management and administration functions that improve organizational efficiency; Assist in building Indiana National Guard GIS infrastructure; Conduct periodic reviews for quality control to assure improved quality, efficiency & consistency through the use of GIS applications; Provides GIS technical support & advice for implementation to Federal & State organizations; Serves as a member of a team or task force that represents the Indiana Army National Guard (INARNG) Master Planning GIS program; Serves as a member of a team or task force representing the agency or organization & participating in the preparation of GIS program policy; Researches, interprets, reviews & applies federal regulations (i.e. metadata), to GIS procedures to successfully complete assignments; Develops & maintains contacts with State Geospatial Committees, by providing guidance & recommendations, explaining policies; Conducts information interviews with peers, managers, producers, borrowers & others to gather potential GIS information; Conducts training, presentations & briefings to provide information regarding Geospatial software & applications of Geo-spatial technology to a wide audience; Composes correspondence; etc.

**QUALIFICATIONS:** Knowledge of overall GIS systems software methods for integrating & optimizing components within the area of responsibility. Knowledge of GIS data & application development concepts & techniques sufficient in applying computer assisted software-engineering tools to the design & development process. Knowledge of the current, state-of-the art GIS system software technology, & related computer equipment sufficient to design, evaluate code, test & debug large & complex programs. Knowledge of required analysis methods to develop software modifications & knowledge of pertinent government regulations, i.e., creation/maintenance of metadata. Knowledge of GIS software packages, & graphics production software packages to develop, modify & maintain GIS data layers to National Guard Bureau (NGB) & Federal standards. Base knowledge of Windows XP operating system, ESRI ArcGIS products, Microsoft Office, TCP/IP & FTP protocols sufficient to support the hardware & software platforms for hosting GIS data & applications. AutoCad experience a plus.

**OTHER INFORMATION:** Fringe benefits include paid holidays, vacation, sick & personal leave; fifteen calendar days paid military leave. Health, dental, life, vision insurances & retirement & disability plans.

CLOSING DATE: MAY 3, 2005 (Applications must be received by this date)

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State Applications may be downloaded from:

[www.state.in.us/jobs/html/app.html](http://www.state.in.us/jobs/html/app.html)